ESC Inputs For XML Guidance From PEOs

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Outline

- DAC Enterprise Directive #2 (DED002)
- Amplifying DED002 wrt XML
- Problems not solved by amplification
- Steps toward resolving bigger issues
- Conclusions

DED002

- LTG Kenne appointed Designated Acquisition Commander (DAC) for Air Force C2 Enterprise Integration
- DED002 says to web-enable systems using:
  - URLs
  - HTTP(S)
  - IP
  - XML

XML Addendum/Instruction

- Provide XML implementation for all external interfaces
- Producers define schemas
- Re-use components where possible
- Adequately document schemas
- Register schemas
- Validate documents
- Few exceptions (std formats e.g., JPEG)

Related Problems That Need

- Data administration
  - Process enabling Communities-Of-Interest (COIs) to reach/maintain semantic agreement on schemas
  - Infrastructure for facilitating COIs
- COE XML Registry improvements
  - Facilitate discovery of existing tags/schemas
  - Tracking of tag/schema users
  - Ability to exploit ontologies (think of supporting lat/long as a complex data type)

Steps Towards Solving The Other Problems

- DISA COE PM requests AF inputs:
  - XML Registry improvements
  - XML Registry process/procedures
  - Data Administration (in the large)
- Aerospace Ops XML Namespace Management Procedures
- Offer sourceForge support to COIs

Coordinating with COE SSD/MD Sub-Panel and XML Namespace Managers Forum

Conclusions

- DED002 XML addendum/instruction is right level of guidance for PEOs to levy on programs
- Bigger problems being worked